

1 **What Is Claimed Is**

- 2 1. A heat sink including a strip, two flanges extending from a side of the
3 strip, at least one slot defined in the strip near each of the flanges, at
4 least one tongue projecting from an internal side of each of the
5 flanges and at least one lug projecting an edge of each of the flanges;
6 and defining an aperture, wherein the lugs can be inserted through the
7 slots of another heat sink so that the apertures thereof can receive the
8 tongues of the other heat sink.
- 9 2. The heat sink according to claim 1 wherein the heat sink includes two
10 slots defined in the strip near each of the flanges, two tongues
11 projecting from each of the flanges and two lugs extending from each
12 of the flanges.
- 13 3. The heat sink according to claim 1 wherein each of the tongues is
14 formed by cutting a U-shaped slit into each of the flanges.
- 15 4. The heat sink according to claim 3 wherein the U-shaped slit is cut
16 into each of the flanges via punching.
- 17 5. The heat sink according to claim 1 wherein the strip defines a recess
18 in an edge thereof for receiving a copper bar.
- 19 6. The heat sink according to claim 1 wherein the strip defines a window
20 for receiving a copper bar.

21